

From bounce-tapr-bb-818@lists.tapr.org Sun Feb 21 11:11:58 1999  
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])  
by tapr.org (8.8.5/8.8.5) with SMTP id LAA16583  
for <lyris.tapr-bb@tapr.org>; Sun, 21 Feb 1999 11:11:55 -0600 (CST)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Message-Id: <LYR818-6962-1999.02.21-11.12.58--lyris.tapr-bb@tapr.org@lists.tapr.org>  
Date: Sun, 21 Feb 1999 11:11:35 -0600  
To: "TAPR Announcement List" <tapr-bb@lists.tapr.org>  
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>  
Subject: [tapr-bb] Office closed this week  
Cc: " TAPR SYS " <tapr-sys@lists.tapr.org>  
List-Unsubscribe: <mailto:leave-tapr-bb-818W@lists.tapr.org>  
List-Software: Lyris Server version 3.0  
List-Subscribe: <mailto:subscribe-tapr-bb@lists.tapr.org>  
List-Owner: <mailto:owner-tapr-bb@lists.tapr.org>  
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>  
Reply-To: "TAPR Announcement List" <tapr-bb@lists.tapr.org>  
X-Message-Id: <v04020a09b2f5ee6bfe28@[24.93.57.139]>  
Sender: bounce-tapr-bb-818@lists.tapr.org  
Precedence: bulk

Due to a death in the Jones family, the TAPR office will be closed for the week.

Greg Jones, WD5IVD  
President TAPR

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Greg Jones, WD5IVD Austin, Texas  
wd5ivd@tapr.org <http://www.tapr.org/~wd5ivd>

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You are currently subscribed to tapr-bb as: lyris.tapr-bb@tapr.org  
To unsubscribe send a blank email to leave-tapr-bb-818W@lists.tapr.org

From bounce-tapr-bb-818@lists.tapr.org Sun Feb 21 12:43:05 1999  
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])  
by tapr.org (8.8.5/8.8.5) with SMTP id MAA20048  
for <lyris.tapr-bb@tapr.org>; Sun, 21 Feb 1999 12:43:02 -0600 (CST)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
X-Sender: wd5ivd@tapr.org  
Message-Id: <LYR818-6988-1999.02.21-12.44.06--lyris.tapr-bb@tapr.org@lists.tapr.org>  
Date: Sun, 21 Feb 1999 12:23:59 -0600  
To: "TAPR Announcement List" <tapr-bb@lists.tapr.org>  
From: "Paul J. Toth - K2SEC" <ptoth1@tampabay.rr.com> (by way of Greg Jones, WD5IVD)  
Subject: [tapr-bb] GPSD Interruption

List-Unsubscribe: <mailto:leave-tapr-bb-818W@lists.tapr.org>  
List-Software: Lyris Server version 3.0  
List-Subscribe: <mailto:subscribe-tapr-bb@lists.tapr.org>  
List-Owner: <mailto:owner-tapr-bb@lists.tapr.org>  
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>  
Reply-To: "TAPR Announcement List" <tapr-bb@lists.tapr.org>  
X-Message-Id: <v04020a11b2f5ffae0ee3@[24.93.57.139]>  
Sender: bounce-tapr-bb-818@lists.tapr.org  
Precedence: bulk

WASHINGTON (AP) -- Civilian and military ships and planes could feel the effect of a Pentagon plan to disrupt its satellite navigation over North Carolina next week.

The Defense Department will hold tests to prepare for potential loss of the Global Positioning System-a military-run network which provides longitudinal and latitudinal coordinates for ships and planes with appropriate receivers.

The tests and accompanying disruptions could affect the civilian ships and aircraft that use the 24-hour network to help guide them.

The Federal Aviation Administration and the Coast Guard issued notices Friday, cautioning pilots and ship operators against relying on GPS signals during certain four-hour periods from Monday through Saturday next week. However, a spokesman for the U.S. Atlantic Command, which is running the test, told The Washington Post he expected "only minimal impact" on civilian >users.

Affected areas will vary greatly according to altitude. For ships, it will involve a circular region within a radius of 40 miles centered about 120 miles east of Wilmington, N.C. For planes cruising at 40,000 feet, the affected area expands to a radius of 350 miles and reaches as far south as Vero Beach, Fla., and as far north as >Sea Isle, N.J.

Officials said there were no reports of civilian safety problems during previous tests held over North Carolina and Nevada. During the tests, military crews will be evaluated on their ability to identify that GPS systems are not working and on finding other means of navigation.

73!

Paul J. Toth - K2SEC  
West Central Florida Section Committee  
West Central Florida SKYWARN Group  
Secretary-Clearwater Amateur Radio Society

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From bounce-tapr-bb-818@lists.tapr.org Mon Feb 22 10:33:09 1999  
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])  
by tapr.org (8.8.5/8.8.5) with SMTP id KAA18270  
for <lyris.tapr-bb@tapr.org>; Mon, 22 Feb 1999 10:33:08 -0600 (CST)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Message-Id: <LYR818-7204-1999.02.22-10.34.13--lyris.tapr-bb@tapr.org@lists.tapr.org>  
Date: Mon, 22 Feb 1999 10:32:38 -0600  
To: "TAPR Announcement List" <tapr-bb@lists.tapr.org>  
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>  
Subject: [tapr-bb] TAPR Technology Demo Day  
List-Unsubscribe: <mailto:leave-tapr-bb-818W@lists.tapr.org>  
List-Software: Lyris Server version 3.0  
List-Subscribe: <mailto:subscribe-tapr-bb@lists.tapr.org>  
List-Owner: <mailto:owner-tapr-bb@lists.tapr.org>  
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>  
Reply-To: "TAPR Announcement List" <tapr-bb@lists.tapr.org>  
X-Message-Id: <v04020a0eb2f73714da10@[24.93.57.77]>  
Sender: bounce-tapr-bb-818@lists.tapr.org  
Precedence: bulk  
Content-Transfer-Encoding: 8bit  
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id KAA18270

TAPR is proud to announce the first annual Technology Demo Day  
sponsored by the TAPR APRS SIG.

The purpose of this event is to demonstrate technology independence at the location of Field Day. Technologies like Packet Radio, SSTV, ATV, Spread Spectrum, IGates and other operating modes accessed via RF means only will be allowed, since this reflects current emergency situations at disaster scenes in our present day world.

The 1999 Technology Demo Day is to coincide with the ARRL Field Day.

Full details are available at <http://www.tapr.org/tdfd>

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#### 1999 Technology Demo Day

- \* Commercial Power Restriction  
No commercial power is allowed for stations submitting a score.
- \* Band of operation:  
Any frequencies that are currently allowed for the mode in use. HF,

VHF, etc

- \* Use of networks and digipeaters:  
Digipeaters, Networks, can be used for contacts  
All APRS paths allowed.  
Sites must use RF (No direct Inet)
- \* Participants:  
Any licensed amateur radio operator may participate.  
Participants that are at a direct connection to the net can participate but are not permitted to submit scores.
- \* Operator Designations:  
Single Operator designated by "SO".  
Multi Operator by "MO"  
No Operator by "NO"
- \* Minimum exchange consists of:  
Call Sign, ARRL section, Operator Designation (SO, MO, NO)
- \* Submission of scores:  
Do not send your Logs. Send only your score.  
Send your score to kb2scs@worldnet.att.net or use  
<http://www.tapr.org/tdfd>  
Scores must be submitted within two weeks of the end of the event.
- \* Points:
  - o 25 points for receiving the ARRL message in digital form
  - o 2 points for every LIVE packet QSO (packet network, conference nodes, digis, etc)
  - o 1 point for every APRS station "received"
  - o 2 points for every APRS station exchanging messages
  - o 25 points for receiving ATV signals from a range over 5 miles
  - o 25 points for transmitting ATV to another station over 5 miles
  - o 5 points for every received SSTV picture received
  - o 5 points for every transmitted SSTV contact
  - o 25 points for receiving any Satellite digital MESSAGE
  - o 25 points for transmitting any Satellite digital Message.
  - o 25 points for making a complete exchange using Spread Spectrum
  - o 5 points for each Spread Spectrum contact thereafter

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Suggested Operating instructions

- \* HOOK UP YOUR SPEAKER.

If you aren't listening to the packets, then you may not know what is going on the channel. TNC's do not detect collisions. DCD's do not either, so just because the little green light is OFF, does not mean the channel is not all QRM

\* Operate normally.

USE SHORT packets and MINIMUM PATH.

Use WIDEN-N where possible.

Keep hops practical for your area. (any more than 3 probably impossible)..

Work everyone you see on mail/traffic pages.

\* ACKS are not required!

If you get a QSL message from the other station, don't wait for an ACK.

Erase the outgoing message to reduce QRM!

\* Internet Gateways

The key here is that IGates only pass through MESSAGEs to LOCAL stations in their area. This means you can QSO with anyone if you already know their callsign! You will probably NOT see their posits since only messages go via IGates (normally). This is why you should always include your GRIDSQ in all of your text messages.

Here are some ways we have come up with to get around these quirks for:

- \* a) Assume an SSID of -6 for stations and guess at some APRS calls...
- \* Watch your traffic list. As soon as anyone QSO's anyone in your area, you will see them for a return QSO.
- \* Send a CQ FD MESSAGE with your GRIDSQ and report to a DIGI in a known area with an IGate. This will go through all IGates.
- \* Do a MAPS-OVERLAY-DIGIS for an area to see a good target call. (See C)
- \* Do NOT send CQFD or TARGET messages until you have exhausted all other contacts, else we may totally BLOCK the RF channels around IGates.
- \* Once you are working via IGATES, PLEASE minimize your path to ONLY the hops needed to hit your local IGate.
- \* Home Stations If you are not going to operate, please set up your UN-ATTENDED home station for AUTOREPLY with something like 'QSL. [gridsq].(NO), ARRL section, etc. For APRSdos this simply means send ONE message to the callsign of REPLY and make sure this message is the first in your SEND list.

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APRSÆ is registered to Bob Bruninga, WB4APR.  
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Tucson Amateur Packet Radio

8987-309 E Tanque Verde Rd #337 \* Tucson, Az \* 85749-9399  
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e-mail: [tapr@tapr.org](mailto:tapr@tapr.org) web: <http://www.tapr.org/>

ftp: [ftp.tapr.org](ftp://ftp.tapr.org)

phone: 940-383-0000 fax: 940-565-2544  
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